

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090160-A

Mode: Highway

Status: Submitted

NC-211 (New Route - Red Springs Bypass)

From/Cross Street: NC 71 Southwest of Red Springs

Specific Improvement Type: 5 - Construct Roadway on New Location

To: NC 71 Northeast of Red Springs

Project Category: Regional Impact

Length: 4.05

TIP#: R-2593A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$22,515,000

Description:

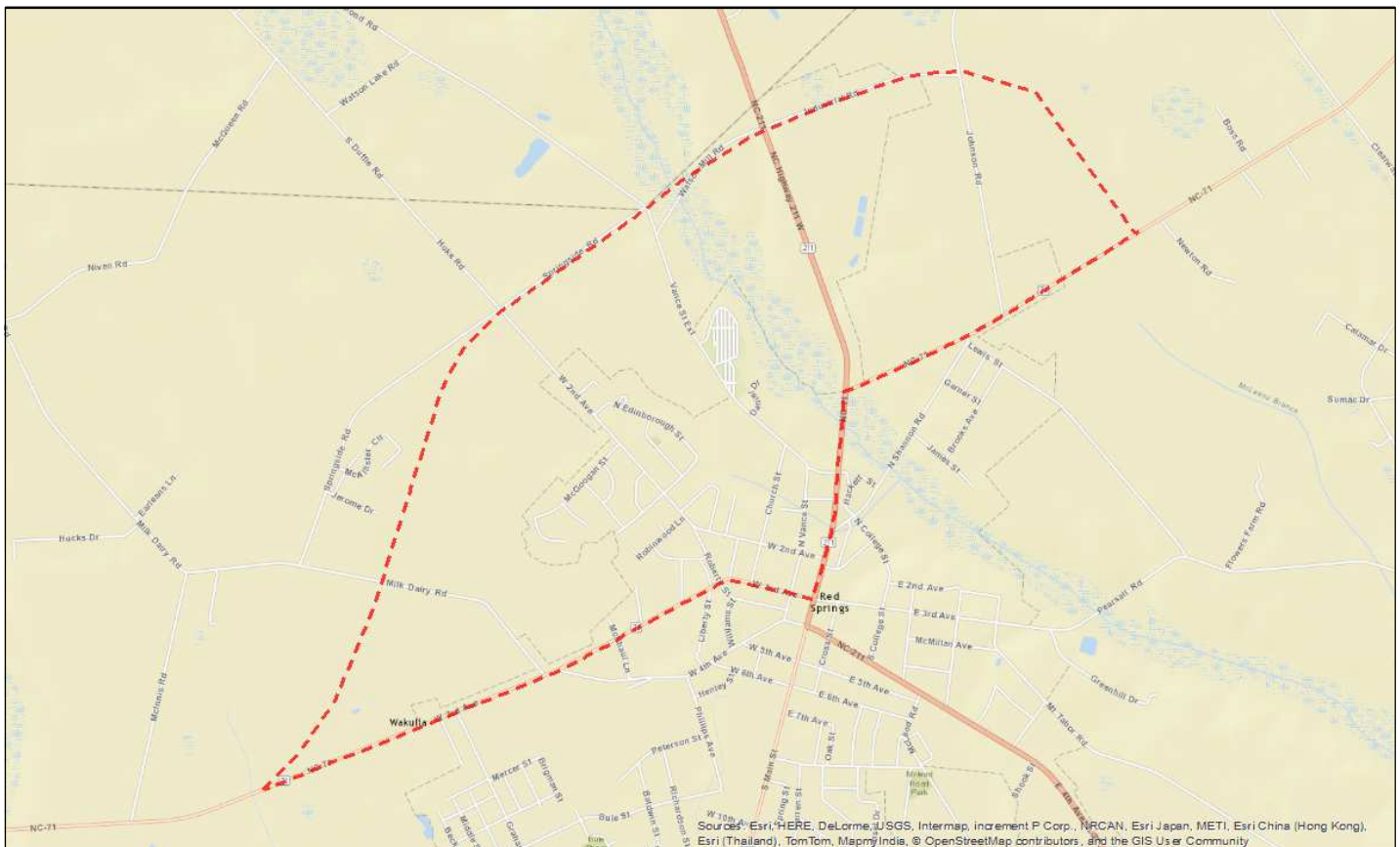
Construct Two Lanes, Part on New Location, on Multi-Lane Right of Way

Division(s): Division 6

County(s): ROBESON

MPOS(s)/RPO(s): Lumber River RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 26.31

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 22.94	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 40.20		
[Travel Time] Benefit/Cost (25%) 0.84		
Accessibility / Connectivity (10%) 13.42		
Totals: Weight: 70% Weighted Score: 11.31		

Division Needs Total Score: 8.78

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 22.94	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 40.20		
[Travel Time] Benefit/Cost (20%) 0.84		
Totals: Weight: 50% Weighted Score: 8.78		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	41
Length (miles);	3.4
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5421.63
Capacity:	15659.45
Volume/Capacity Ratio:	0.35
% Autos:	88%
% Trucks:	12%
Truck Volume:	626.69
Crash Density:	30.44
Crash Severity:	71.12
Critical Crash Rate:	19.06
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	76
Actual Congested Speed:	4.87
Travel Time Index:	1.56

Project Benefits

Project Cross-Section:	2A - 2 Lane Undivided with Paved Shoulders, 55 mph
Speed Limit:	55
Length (miles):	4.05
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	824031.97
Travel Time Savings for 30 Years (Autos):	728781.77
Travel Time Savings for 30 Years (Trucks):	95250.2
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Lumber River RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$18,200,000	TIP Unit
Right-of-Way Cost:	\$2,025,000	TIP Unit
Utilities Cost:	\$2,290,000	TIP Unit
Total Project Cost:	\$22,515,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$22,515,000	